

L Number	Hits	Search Text	DB	Time stamp
1	1726	(405/232,229).CCLS.	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/06/07 16:00
2	1120	(405/284).CCLS.	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO;	2004/06/07 16:00
3	2835	((405/232,229).CCLS.) OR ((405/284).CCLS.)	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/06/07 16:00
4	91	((405/232,229).CCLS.) OR ((405/284).CCLS.)) AND @pd>20030505	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/06/07 16:03
5	33388	FROST OR PERMAFROST OR PERMA-FROST	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/06/07 16:04
6	87	((405/232,229).CCLS.) OR ((405/284).CCLS.)) AND (FROST OR PERMAFROST OR PERMA-FROST)	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/06/07 16:05
8	674	(FROST OR PERMAFROST OR PERMA-FROST) AND (pile or piling)	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/06/07 16:05
9	121	((FROST OR PERMAFROST OR PERMA-FROST) AND (pile or piling)) AND (pile or piling) same (lubricant or break\$4 or bond or plastic or collar)	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;	2004/06/07 16:06
10	11	(US-4721418-\$ or US-4818148-\$ or US-4784528-\$ or US-5177919-\$ or US-6179526-\$ or US-3630037-\$ or US-4723876-\$ or US-4585681-\$ or US-4464083-\$ or US-3180099-\$ or US-3370432-\$).did.	USPAT	2004/06/07 16:33
-	25799	405/2\$4	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:32
-	3905	405/2\$4 and (foundation or piling)	USPAT; US-PGPUB;	2002/10/11 00:02
-	5485	405/2\$4 and pile	EPO; JPO USPAT; US-PGPUB;	2002/10/11 00:02
-	7485	(405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)	EPO; JPO USPAT; US-PGPUB;	2002/10/11 00:02
-	65	((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and permafrost	EPO; JPO USPAT; US-PGPUB;	2002/10/11 00:03
-	5	((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and permafrost	EPO; JPO USPAT; US-PGPUB;	2002/10/11 00:04
-		((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and (bond near5 break\$4))	EPO; JPO	
-	27	((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and (bond near5 break\$4)	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:21
-	1658	(405/232,229).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/05/19 17:08
-	46	((405/232,229).CCLS.) and (permafrost or frost)	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:24
-	25	((405/232,229).CCLS.) and (permafrost or (frost near5 heave))	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:25

-	16	((405/232,229).CCLS.) and (permafrost or frost)) and (polyethylene or plastic)	USPAT; US-PGPUB; EPO; JPO USPAT	2002/10/11 00:26
-	14	("0761721" "1124955" "2700875" "2724156" "3496729" "3630037" "3706204" "3921410" "4019301" "4124483" "4157287" "4244156" "4464083" "4585681").PN.		2002/10/11 00:34
-	10	4818148.URPN.	USPAT	2002/10/11 00:34
-	2	("3180099" "3370432").PN.	USPAT	2002/10/11 00:43
-	13	3630037.URPN.	USPAT	2002/10/11 00:43
-	10	(US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.	USPAT	2002/10/11 01:18
-	0	((US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.) and lubric	USPAT	2002/10/11 01:14
-	2	((US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.) and lubric\$6	USPAT	2002/10/11 01:29
-	1	((US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.) and clamp	USPAT	2002/10/11 01:29
-	26	adjustable same pile same cap	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:35
-	487	adjustable same pile same (length or height)	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:36
-	1439	adjust\$4 same pile same (length or height)	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:45
-	109	(adjust\$4 same pile same (length or height)) and telescop\$4	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:36
-	2	("4721418").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:33
-	1690	(405/232,229).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 16:00
-	1058	(405/284).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/07 16:00
-	2738	((405/232,229).CCLS.) or ((405/284).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:10
-	2	("20020001506").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:55
-	3	("3630037").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:55

-	23	(((405/232,229).CCLS.) or ((405/284).CCLS.)) and @PD>20030202	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 18:04
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L Number	Hits	Search Text	DB	Time stamp
-	25799	405/2\$4	USPAT; US-PPGPUB; EPO; JPO	2004/02/19 10:14
-	3905	405/2\$4 and (foundation or piling)	USPAT; US-PPGPUB; EPO; JPO	2002/10/11 00:02
-	5485	405/2\$4 and pile	USPAT; US-PPGPUB; EPO; JPO	2002/10/11 00:02
-	7485	(405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)	USPAT; US-PPGPUB; EPO; JPO	2002/10/11 00:02
-	65	((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and permafrost	USPAT; US-PPGPUB; EPO; JPO	2002/10/11 00:03
-	5	((((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and permafrost) and (((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and (bond near5 break\$4)))	USPAT; US-PPGPUB; EPO; JPO	2002/10/11 00:04
-	27	((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and (bond near5 break\$4)	USPAT; US-PPGPUB; EPO; JPO	2002/10/11 00:21
-	1658	(405/232,229).CCLS.	USPAT; US-PPGPUB; EPO; JPO	2003/05/19 17:08
-	46	((405/232,229).CCLS.) and (permafrost or frost)	USPAT; US-PPGPUB; EPO; JPO	2002/10/11 00:24
-	25	((405/232,229).CCLS.) and (permafrost or (frost near5 heave))	USPAT; US-PPGPUB; EPO; JPO	2002/10/11 00:25
-	16	((405/232,229).CCLS.) and (permafrost or frost)) and (polyethylene or plastic)	USPAT; US-PPGPUB; EPO; JPO	2002/10/11 00:26
-	14	("0761721" "1124955" "2700875" "2724156" "3496729" "3630037" "3706204" "3921410" "4019301" "4124483" "4157287" "4244156" "4464083" "4585681").PN.	USPAT	2002/10/11 00:34
-	10	4818148.URPN.	USPAT	2002/10/11 00:34
-	2	("3180099" "3370432").PN.	USPAT	2002/10/11 00:43
-	13	3630037.URPN.	USPAT	2002/10/11 00:43
-	10	(US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.	USPAT	2002/10/11 01:18
-	0	((US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.) and lubric	USPAT	2002/10/11 01:14
-	2	((US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.) and lubric\$6	USPAT	2002/10/11 01:29
-	1	((US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.) and clamp	USPAT	2002/10/11 01:29

	26	adjustable same pile same cap	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:35
	487	adjustable same pile same (length or height)	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:36
	1439	adjust\$4 same pile same (length or height)	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:45
	109	(adjust\$4 same pile same (length or height)) and telescop\$4	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:36
	2	("4721418").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:33
	1690	(405/232,229).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/05/19 17:08
	1058	(405/284).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/05/19 18:03
	2738	((405/232,229).CCLS.) or ((405/284).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:10
	2	("20020001506").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:55
	3	("3630037").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:55
	23	((405/232,229).CCLS.) or ((405/284).CCLS.) and @PD>20030202	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 18:04
	3	10/054848	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/19 13:30
	1	4721418.pn.	USPAT; US-PGPUB; EPO; JPO	2004/02/19 10:21
	18	("1709893" "1947413" "2928411" "3141306" "3166871" "3327441" "3403520" "3487646" "3495565" "3981038" "4019301" "4069677" "4081941" "4114388" "4386876" "4397589" "4464083" "4585681").PN.	USPAT	2004/02/19 10:22
	13	4721418.URPN.	USPAT	2004/02/19 10:30
	22	(US-5177919-\$ or US-4723876-\$ or US-4585681-\$ or US-4818148-\$ or US-4784528-\$ or US-3630037-\$ or US-4721418-\$ or US-6179526-\$ or US-4464083-\$ or US-3370432-\$ or US-3180099-\$ or US-6616381-\$ or US-4397589-\$ or US-4386876-\$ or US-4114388-\$ or US-4081941-\$ or US-4019301-\$ or US-3495565-\$ or US-3487646-\$ or US-3403520-\$ or US-5931604-\$).did. or (US-20040022586-\$).did.	USPAT; US-PGPUB	2004/02/19 10:35

	5	((US-5177919-\$ or US-4723876-\$ or US-4585681-\$ or US-4818148-\$ or US-4784528-\$ or US-3630037-\$ or US-4721418-\$ or US-6179526-\$ or US-4464083-\$ or US-3370432-\$ or US-3180099-\$ or US-6616381-\$ or US-4397589-\$ or US-4386876-\$ or US-4114388-\$ or US-4081941-\$ or US-4019301-\$ or US-3495565-\$ or US-3487646-\$ or US-3403520-\$ or US-5931604-\$).did. or (US-20040022586-\$).did.) and collar ("20020001506").PN.	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2004/02/19 10:35
	2		USPAT; US-PPGPUB; EPO; JPO; DERWENT	2004/02/19 13:30
	23	(US-5177919-\$ or US-4723876-\$ or US-4585681-\$ or US-4818148-\$ or US-4784528-\$ or US-3630037-\$ or US-4721418-\$ or US-6179526-\$ or US-4464083-\$ or US-3370432-\$ or US-3180099-\$ or US-6616381-\$ or US-4397589-\$ or US-4386876-\$ or US-4114388-\$ or US-4081941-\$ or US-4019301-\$ or US-3495565-\$ or US-3487646-\$ or US-3403520-\$ or US-5931604-\$).did. or (US-20040022586-\$ or US-20020001506-\$).did.	USPAT; US-PPGPUB	2004/02/19 20:49
	393	(frost or freeze or ice) same (pile or piling)	USPAT; US-PPGPUB	2004/02/19 20:43
	96	((frost or freeze or ice) same (pile or piling)) and (bond or adher\$4)	USPAT; US-PPGPUB	2004/02/19 20:44
	26	(US-5177919-\$ or US-4723876-\$ or US-4585681-\$ or US-4818148-\$ or US-4784528-\$ or US-3630037-\$ or US-4721418-\$ or US-6179526-\$ or US-4464083-\$ or US-3370432-\$ or US-3180099-\$ or US-6616381-\$ or US-4397589-\$ or US-4386876-\$ or US-4114388-\$ or US-4081941-\$ or US-4019301-\$ or US-3495565-\$ or US-3487646-\$ or US-3403520-\$ or US-5931604-\$ or US-4297056-\$ or US-4252471-\$ or US-3736759-\$).did. or (US-20040022586-\$ or US-20020001506-\$).did.	USPAT; US-PPGPUB	2004/02/19 20:49
	23	(US-5177919-\$ or US-4723876-\$ or US-4585681-\$ or US-4818148-\$ or US-4784528-\$ or US-3630037-\$ or US-4721418-\$ or US-6179526-\$ or US-4464083-\$ or US-3370432-\$ or US-3180099-\$ or US-6616381-\$ or US-4397589-\$ or US-4386876-\$ or US-4114388-\$ or US-4081941-\$ or US-4019301-\$ or US-3495565-\$ or US-3487646-\$ or US-3403520-\$ or US-5931604-\$).did. or (US-20040022586-\$ or US-20020001506-\$).did.	USPAT; US-PPGPUB	2004/02/19 20:49

	3	<pre>((US-5177919-\$ or US-4723876-\$ or US-4585681-\$ or US-4818148-\$ or US-4784528-\$ or US-3630037-\$ or US-4721418-\$ or US-6179526-\$ or US-4464083-\$ or US-3370432-\$ or US-3180099-\$ or US-6616381-\$ or US-4397589-\$ or US-4386876-\$ or US-4114388-\$ or US-4081941-\$ or US-4019301-\$ or US-3495565-\$ or US-3487646-\$ or US-3403520-\$ or US-5931604-\$ or US-4297056-\$ or US-4252471-\$ or US-3736759-\$).did. or (US-20040022586-\$ or US-20020001506-\$).did.) not ((US-5177919-\$ or US-4723876-\$ or US-4585681-\$ or US-4818148-\$ or US-4784528-\$ or US-3630037-\$ or US-4721418-\$ or US-6179526-\$ or US-4464083-\$ or US-3370432-\$ or US-3180099-\$ or US-6616381-\$ or US-4397589-\$ or US-4386876-\$ or US-4114388-\$ or US-4081941-\$ or US-4019301-\$ or US-3495565-\$ or US-3487646-\$ or US-3403520-\$ or US-5931604-\$).did. or (US-20040022586-\$ or US-20020001506-\$).did.)</pre>	USPAT; US-PGPUB	2004/02/19 20:49
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L Number	Hits	Search Text	DB	Time stamp
-	25799	405/2\$4	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:32
-	3905	405/2\$4 and (foundation or piling)	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:02
-	5485	405/2\$4 and pile	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:02
-	7485	(405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:02
-	65	((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and permafrost	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:03
-	5	((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and permafrost and (((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and (bond near5 break\$4))	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:04
-	27	((405/2\$4 and (foundation or piling)) or (405/2\$4 and pile)) and (bond near5 break\$4)	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:21
-	1658	(405/232,229).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/05/19 17:08
-	46	((405/232,229).CCLS.) and (permafrost or frost)	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:24
-	25	((405/232,229).CCLS.) and (permafrost or (frost near5 heave))	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:25
-	16	((405/232,229).CCLS.) and (permafrost or frost)) and (polyethylene or plastic)	USPAT; US-PGPUB; EPO; JPO	2002/10/11 00:26
-	14	("0761721" "1124955" "2700875" "2724156" "3496729" "3630037" "3706204" "3921410" "4019301" "4124483" "4157287" "4244156" "4464083" "4585681").PN.	USPAT	2002/10/11 00:34
-	10	4818148.URPN.	USPAT	2002/10/11 00:34
-	2	("3180099" "3370432").PN.	USPAT	2002/10/11 00:43
-	13	3630037.URPN.	USPAT	2002/10/11 00:43
-	10	(US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.	USPAT	2002/10/11 01:18
-	0	((US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.) and lubric	USPAT	2002/10/11 01:14
-	2	((US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.) and lubric\$6	USPAT	2002/10/11 01:29
-	1	((US-4784528-\$ or US-4723876-\$ or US-5177919-\$ or US-6179526-\$ or US-4818148-\$ or US-4464083-\$ or US-4585681-\$ or US-3630037-\$ or US-3180099-\$ or US-3370432-\$).did.) and clamp	USPAT	2002/10/11 01:29

-	26	adjustable same pile same cap	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:35
-	487	adjustable same pile same (length or height)	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:36
-	1439	adjust\$4 same pile same (length or height)	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:45
-	109	(adjust\$4 same pile same (length or height)) and telescop\$4	USPAT; US-PGPUB; EPO; JPO	2003/02/05 19:36
-	2	("4721418").PN.	USPAT; US-PGPUB; EPO; JPO;	2003/05/19 17:33
-	1690	(405/232,229).CCLS.	DERWENT USPAT; US-PGPUB; EPO; JPO	2004/02/09 21:46
-	1058	(405/284).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/02/09 21:47
-	2738	((405/232,229).CCLS.) or ((405/284).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:10
-	2	("20020001506").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:55
-	3	("3630037").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 17:55
-	23	((405/232,229).CCLS.) or ((405/284).CCLS.)) and @PD>20030202	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/19 18:04
-	11	(US-4721418-\$ or US-4818148-\$ or US-4784528-\$ or US-3630037-\$ or US-6179526-\$ or US-5177919-\$ or US-4723876-\$ or US-4585681-\$ or US-4464083-\$ or US-3180099-\$ or US-3370432-\$).did.	USPAT	2004/02/09 21:46
-	1719	(405/232,229).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/02/09 21:46
-	1102	(405/284).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/02/09 21:47
-	2815	((US-4721418-\$ or US-4818148-\$ or US-4784528-\$ or US-3630037-\$ or US-6179526-\$ or US-5177919-\$ or US-4723876-\$ or US-4585681-\$ or US-4464083-\$ or US-3180099-\$ or US-3370432-\$).did.) or ((405/232,229).CCLS.) or ((405/284).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/09 21:47